

SECTION II—CLAIMS

1. (Currently Amended) A method for testing a computer system board, comprising:
 - loading the computer system board into a test apparatus;
 - automatically coupling a connector to provide power input to the computer system board via the test apparatus;
 - automatically inserting a microprocessor into a corresponding connector on the computer system board;
 - automatically performing a plurality of computer system board tests; and
 - storing results of the automatic testing.
2. (Original) The method of claim 1, further comprising:
 - determining a type of the computer system board; and
 - automatically supplying the computer system board with a corresponding set of power inputs during the automatic testing operations.
3. (Original) The method of claim 2, further comprising sequencing a plurality of power input signals in response to corresponding power command signals provided by the computer system board.
4. (Original) The method of claim 1, wherein the plurality of system board tests include testing the computer system board for short circuits.
5. (Original) The method of claim 1, wherein the plurality of system board tests include testing a video subsystem of the computer system board.

6. (Original) The method of claim 1, further comprising automatically inserting one or more memory devices into corresponding connectors on the computer system board.
7. (Canceled)
8. (Original) The method of claim 1, further comprising automatically operatively coupling a peripheral card to an expansion slot on the computer system board.
9. (Previously Presented) The method of claim 1, further comprising automatically connecting test electronics to at least one input/output (I/O) port connector on the computer system board.
10. (Original) The method of claim 9, wherein said at least one I/O port connector comprises at least two I/O port connectors, each having a different connection axis.
11. (Original) The method of claim 1, further comprising:

determining a type of the computer system board; and automatically performing a particular set of computer system board tests corresponding to the type of computer system board that is determined.
12. (Original) The method of claim 11, wherein the type of computer system board is determined by performing the operations of:

storing data in a database relating respective serial numbers of a plurality of computer system boards with corresponding computer system board types;

scanning a serial number bar code on a given computer system board that is to be tested; and

determining the system board type of that computer system board via a lookup of the database using the serial number that was scanned.

13. (New) A method for testing a computer system board, comprising:

loading the computer system board into a test apparatus;

automatically coupling a connector to provide power input to the computer system board via the test apparatus;

automatically connecting test electronics to at least one input/output (I/O) port connector on the computer system board, wherein said at least one I/O port connector comprises at least two I/O port connectors, each having a different connection axis;

automatically performing a plurality of computer system board tests; and

storing results of the automatic testing.

14. (New) The method of claim 13, further comprising:

determining a type of the computer system board; and

automatically supplying the computer system board with a corresponding set of power inputs during the automatic testing operations.

15. (New) The method of claim 14, further comprising sequencing a plurality of power input signals in response to corresponding power command signals provided by the computer system board.

16. (New) The method of claim 13, wherein the plurality of system board tests include testing the computer system board for short circuits.

17. (New) The method of claim 13, wherein the plurality of system board tests include testing a video subsystem of the computer system board.
18. (New) The method of claim 13, further comprising automatically inserting one or more memory devices into corresponding connectors on the computer system board.
19. (New) The method of claim 13, further comprising automatically operatively coupling a peripheral card to an expansion slot on the computer system board.
20. (New) The method of claim 13, further comprising:

determining a type of the computer system board; and automatically performing a particular set of computer system board tests corresponding to the type of computer system board that is determined.
21. (New) The method of claim 20, wherein the type of computer system board is determined by performing the operations of:

storing data in a database relating respective serial numbers of a plurality of computer system boards with corresponding computer system board types;

scanning a serial number bar code on a given computer system board that is to be tested; and

determining the system board type of that computer system board via a lookup of the database using the serial number that was scanned.
22. (New) The method of claim 13, further comprising automatically inserting a microprocessor into a corresponding connector on the computer system board.